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Dr. Humphrey

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[PUBLIC—No. 446—67TH CONGRESS.]

[H. R. 13481.]

An Act Making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1924, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the following sums are appropriated, out of any money in the Treasury not otherwise appropriated, for the Department of Agriculture for the fiscal year ending June 30, 1924, namely:

#### OFFICE OF THE SECRETARY.

##### SALARIES.

Secretary of Agriculture, \$12,000; Assistant Secretary, \$5,000; director of scientific work, \$5,000; director of regulatory work, \$5,000; director of extension service, \$5,000; solicitor, \$5,000; chief clerk, \$3,000 and \$500 additional as custodian of buildings; private secretary to the Secretary, \$2,500; traffic manager, \$3,000; administrative assistant, \$3,000; executive assistants—three at \$2,500 each, two at \$2,250 each, one \$2,100, one at \$2,000; stenographer and executive clerk to Secretary, \$2,250; private secretary to Assistant Secretary, \$2,250; private secretary to director of scientific work, \$2,250; appointment clerk, \$2,000; officer in charge of supplies, \$2,000; inspectors—one \$3,000, one \$2,250; attorneys—one \$4,000, two at \$3,500 each, two at \$3,250 each; law clerks—four at \$3,000 each, two at \$2,750 each, four at \$2,500 each, eight at \$2,250 each, one \$2,200; superintendent of telegraph and telephones, \$2,000; telegraph and telephone operator, \$1,600; assistant chief clerk and captain of the watch, \$1,800; clerks—one \$2,000, five of class four, fourteen of class three, one \$1,440, eighteen of class two, thirty-one of class one, two at \$1,100 each, one \$1,020, three at \$1,000 each, four at \$900 each; messengers or laborers—one at \$1,000, sixteen at \$840 each, eight at \$720 each, four at \$600 each; lieutenants of the watch—one \$1,000, two at \$960 each; watchmen—thirty at \$840 each, fifty-one at \$720 each; skilled laborers—one at \$1,200, five at \$1,000 each, three at \$960 each, one at \$900; messenger boys—two at \$720 each, eight at \$600 each, seven at \$480 each; charwomen—one \$540, one \$360, fourteen at \$240 each; for extra labor and emergency employments, \$12,480; in all, \$382,520.

For salaries and compensation of necessary employees in the mechanical shops and power plant of the Department of Agriculture, \$90,000.

##### MISCELLANEOUS EXPENSES, DEPARTMENT OF AGRICULTURE.

For stationery, blank books, twine, paper, gum, dry goods, soap, brushes, brooms, mats, oils, paints, glass, lumber, hardware, ice, fuel,

water and gas pipes, heating apparatus, furniture, carpets, and mattings; for lights, freight, express charges, advertising, telegraphing, telephoning, postage, washing towels, and necessary repairs and improvements to buildings and heating apparatus; for the purchase, subsistence, and care of horses and the purchase and repair of harness and vehicles, for official purposes only; including necessary expenses for the maintenance, repair, and operation of an automobile for the official use of the Secretary of Agriculture; for the payment of the Department of Agriculture's proportionate share of the expense of the dispatch agent in New York; for official traveling expenses; and for other miscellaneous supplies and expenses not otherwise provided for and necessary for the practical and efficient work of the department, \$156,000.

#### RENT OF BUILDINGS IN THE DISTRICT OF COLUMBIA.

For rent of buildings and parts of buildings in the District of Columbia, for use of the various bureaus, divisions, and offices of the Department of Agriculture, \$176,866: *Provided*, That only such part of this sum shall be available to pay rent for space which can not be furnished by the Public Buildings Commission in Government buildings located in the District of Columbia.

#### OFFICES OF EDITORIAL AND DISTRIBUTION WORK.

Salaries: Assistant in charge of editorial office, \$5,000; assistant in charge of office of distribution, \$3,500; editor, \$3,000; executive assistant, \$3,000; assistant editors—one \$2,250, two at \$2,000 each, one \$1,800; assistants in charge—one of addressing, duplicating, and mailing, \$2,400; one of indexing, \$2,000; draftsman or photographer, \$2,100; chief clerk, \$2,000; assistants—two at \$2,500 each, three at \$2,000 each; indexer or compiler, \$1,800; artist and designer, \$2,500; draftsmen or photographers—one \$1,600, one \$1,500, three at \$1,400 each, one \$1,300, ten at \$1,200 each; lantern-slide colorist, \$1,200; executive clerk, \$2,000; clerks—three of class four, four of class three, ten of class two, eighteen of class one, nineteen at \$1,100 each, forty-five at \$960 each; mechanical assistant, \$1,980; machine operators—one \$1,500, four at \$1,400 each, thirteen at \$1,200 each, seven at \$1,100 each, five at \$1,000 each; folders—one \$1,200, two at \$1,000 each; messengers or laborers—three at \$900 each, eight at \$840 each, four at \$780 each, ten at \$720 each, one \$600; eight skilled laborers, at \$1,100 each; messenger boys—five at \$720 each, one \$660, five at \$600 each, six at \$480 each; char-women—three at \$480 each, three at \$240 each; in all \$263,670.

General expenses, Offices of Editorial and Distribution Work: For miscellaneous objects of expenditure in connection with the publication, indexing, illustration, and distribution of bulletins, documents, and reports, as follows:

For labor-saving machinery and supplies, envelopes, stationery and materials, office furniture and fixtures, photographic equipment and materials, artists' tools and supplies, telephone and telegraph service, freight and express charges; purchase and maintenance of motor trucks; purchase and maintenance of bicycles; purchase of manuscripts; traveling expenses; electrotypes, illus-

trations, and other expenses not otherwise provided for, and including not to exceed \$1,300 for extra labor and emergency employments in the District of Columbia, \$47,850.

#### PRINTING AND BINDING.

For all printing and binding for the Department of Agriculture, including all of its bureaus, offices, institutions, and services, located in Washington, District of Columbia, and elsewhere, \$760,000, including the Annual Report of the Secretary of Agriculture, as required by the Act approved January 12, 1895, and in pursuance of the joint resolution numbered 13, approved March 30, 1906, and also including not to exceed \$250,000 for farmers' bulletins, which shall be adapted to the interests of the people of the different sections of the country, an equal proportion of four-fifths of which shall be delivered to or sent out under the addressed franks furnished by the Senators, Representatives, and Delegates in Congress, as they shall direct, but not including work done at the field printing plants of the Weather Bureau and the Forest Service authorized by the Joint Committee on Printing, in accordance with the Act approved March 1, 1919, or emergency field printing and binding authorized by said joint committee.

#### OFFICE OF EXPERIMENT STATIONS.

Salaries: Clerks—one \$1,980, four of class four, one \$1,600, five of class two, ten of class one, one \$1,000; messenger \$1,000; messenger boys or laborers—one \$720, one \$600; charwomen—one \$480, three at \$240 each; in all \$34,300.

#### GENERAL EXPENSES—OFFICE OF EXPERIMENT STATIONS.

To carry into effect the provisions of an Act approved March 2, 1887, entitled "An Act to establish agricultural experiment stations in connection with the colleges established in the several States under the provisions of an Act approved July 2, 1862, and of the Acts supplementary thereto," the sums apportioned to the several States, to be paid quarterly in advance, \$720,000.

To carry into effect the provisions of an Act approved March 16, 1906, entitled "An Act to provide for an increased annual appropriation for agricultural experiment stations and regulating the expenditure thereof," the sums apportioned to the several States, to be paid quarterly in advance, \$720,000.

To enable the Secretary of Agriculture to enforce the provisions of the Acts approved March 2, 1887, and March 16, 1906, relative to their administration and for the administration of agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the employment of clerks, assistants, and other persons in the city of Washington and elsewhere, freight and express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, electric current, and rent outside of the District of Columbia, \$64,300; and the Secretary of Agriculture shall prescribe the form of the annual financial statement required under the above Acts, ascertain whether the expenditures are in

accordance with their provisions, coordinate the work of the Department of Agriculture with that of the State agricultural colleges and experiment stations in the lines authorized in said Acts, and make report thereon to Congress.

To enable the Secretary of Agriculture to establish and maintain agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, including the erection of buildings, the preparation, illustration, and distribution of reports and bulletins, and all other necessary expenses, \$205,000, as follows: Alaska, \$70,000; Hawaii, \$50,000; Porto Rico, \$50,000; Guam, \$15,000; and the Virgin Islands of the United States, \$20,000; and the Secretary of Agriculture is authorized to sell such products as are obtained on the land belonging to the agricultural experiment stations in Alaska, Hawaii, Porto Rico, the island of Guam, and the Virgin Islands of the United States, and the amount obtained from the sale thereof shall be covered into the Treasury of the United States as miscellaneous receipts: *Provided*, That of the sum herein appropriated for the experiment station in Hawaii \$10,000 may be used in agricultural extension work in Hawaii.

#### EXTENSION SERVICE.

Salaries: Assistant in charge of office of motion pictures, \$3,000; chief cinematographer, \$2,500; chief clerk, \$2,000; clerk or chief accountant, \$2,400; financial clerk, \$2,000; executive clerks—one \$2,000, one \$1,740; assistant editor, \$1,800; clerk or proof reader, \$1,800; clerks—five of class four, eleven of class three, two at \$1,500 each, twenty-seven of class two, one \$1,320, thirty-eight of class one, twelve at \$1,100 each; draftsmen or photographers—two at \$1,600 each, one \$1,500; clerk or artist-draftsman, \$1,200; clerk or machine operator, \$1,200; clerk or laboratory helper, \$1,100; laboratory aids—two at \$960 each, one \$900; assistant photographer, \$960; two skilled laborers at \$1,000 each; messengers or laborers—three at \$840 each, one \$720; messenger boys or laborers—four at \$720 each, one \$600, one \$480; messenger boys—one \$720, five at \$600 each, four at \$480 each; thirteen charwomen at \$240 each; in all, \$176,700.

#### GENERAL EXPENSES, EXTENSION SERVICE.

For farmers' cooperative demonstration work, including special suggestions of plans and methods for more effective dissemination of the results of the work of the Department of Agriculture and the agricultural experiment stations and of improved methods of agricultural practice, at farmers' institutes and in agricultural instruction, and for the employment of labor in the city of Washington and elsewhere, supplies and all other necessary expenses, \$1,284,350: *Provided*, That the expense of such service shall be defrayed from this appropriation and such cooperative funds as may be voluntarily contributed by State, county, and municipal agencies, associations of farmers, and individual farmers, universities, colleges, boards of trade, chambers of commerce, other local associations of business men, business organizations, and individuals within the State.

For cooperative agricultural extension work, to be allotted, paid, and expended in the same manner, upon the same terms and con-

ditions, and under the same supervision as the additional appropriations made by the Act of May 8, 1914 (Thirty-eighth Statutes at Large, page 372), entitled "An Act to provide for cooperative agricultural extension work between the agricultural colleges in the several States receiving the benefits of an Act of Congress approved July 2, 1862, and of Acts supplementary thereto, and the United States Department of Agriculture," \$1,300,000; and all sums appropriated by this Act for use for demonstration or extension work within any State shall be used and expended in accordance with plans mutually agreed upon by the Secretary of Agriculture and the proper officials of the college in such State which receives the benefits of said Act of May 8, 1914: *Provided*, That of the above appropriation not more than \$300,000 shall be expended for purposes other than salaries of county agents.

To enable the Secretary of Agriculture to make suitable agricultural exhibits at State, interstate, and international fairs held within the United States; for the purchase of necessary supplies and equipment; for telephone and telegraph service, freight and express charges; for travel, and for every other expense necessary, including the employment of assistance in or outside the city of Washington, \$95,080: *Provided*, That \$25,000 shall be immediately available for an exhibit at the National Dairy Exposition.

For the interpretation, translation, and transcription of discussions and the printing, binding, and distribution of the proceedings of the World's Dairy Congress, including the payment of postage to foreign countries and the employment of such persons and means in the city of Washington and elsewhere as may be necessary to accomplish these purposes, to be immediately available, \$30,000.

For general administrative expenses connected with the Extension Service and for miscellaneous expenses incident thereto, \$12,600.

Total, Office of the Secretary of Agriculture, \$6,519,236.

## WEATHER BUREAU.

### SALARIES.

Chief of bureau, \$5,000; assistant chief, \$3,250; chief clerk, \$2,500; chiefs of divisions—one of stations and accounts, \$2,750, one of printing, \$2,500, three at \$2,000 each; clerks—eight of class four, twelve of class three, twenty-four of class two, forty-eight of class one, nine at \$1,000 each; foreman of printing, \$1,600; lithographers—one \$1,500, three at \$1,400 each; pressman, \$1,200; printers or compositors—ten at \$1,440 each, eight at \$1,350 each, seventeen at \$1,300 each; four press feeders at \$840 each; instrument makers—supervisor \$1,620, one \$1,440, three at \$1,300 each; assistant engineer, \$1,260; skilled mechanics—three at \$1,300 each, five at \$1,200 each, ten at \$1,000 each; engineer, \$1,300; three firemen at \$840 each; foreman of laborers and messengers, \$1,100; repairmen—two at \$1,200 each, seven at \$1,000 each; gardener, \$1,000; messengers or laborers—twenty-eight at \$720 each, six at \$660 each, twenty-two at \$600 each; messenger boys—eleven at \$600 each, one hundred at \$480 each; charwomen—one \$360, three at \$240 each; in all, \$351,400.

## GENERAL EXPENSES, WEATHER BUREAU.

For carrying into effect in the District of Columbia and elsewhere in the United States, in the West Indies, in the Panama Canal, the Caribbean Sea, and on adjacent coasts, in the Hawaiian Islands, in Bermuda, and in Alaska, the provisions of an Act approved October 1, 1890, so far as they relate to the weather service transferred thereby to the Department of Agriculture, for the employment of professors of meteorology, district forecasters, local forecasters, meteorologists, section directors, observers, apprentices, operators, skilled mechanics, instrument makers, foremen, assistant foremen, proof readers, compositors, pressmen, lithographers, folders and feeders, repairmen, station agents, messengers, messenger boys, laborers, special observers, displaymen, and other necessary employees; for fuel, gas, electricity, freight and express charges, furniture, stationery, ice, dry goods, twine, mats, oil, paints, glass, lumber, hardware, and washing towels; for advertising; for purchase, subsistence, and care of horses and vehicles, the purchase and repair of harness, for official purposes only; for instruments, shelters, apparatus, storm-warning towers and repairs thereto; for rent of offices; for repair and improvements to existing buildings and care and preservation of grounds, including the construction of necessary outbuildings and sidewalks on public streets abutting Weather Bureau grounds; and the erection of temporary buildings for living quarters of observers; for official traveling expenses; for telephone rentals, and for telegraphing, telephoning, and cabling reports and messages, rates to be fixed by the Secretary of Agriculture by agreements with the companies performing the service; for the maintenance and repair of Weather Bureau telegraph, telephone, and cable lines; and for every other expenditure required for the establishment, equipment, and maintenance of meteorological offices and stations and for the issuing of weather forecasts and warnings of storms, cold waves, frosts, and heavy snows, the gauging and measuring of the flow of rivers, and the issuing of river forecasts and warnings; for observations and reports relating to crops and for other necessary observations and reports, including cooperation with other bureaus of the Government and societies and institutions of learning for the dissemination of meteorological information, as follows:

For necessary expenses in the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, \$118,575;

For the maintenance of a printing office in the city of Washington for the printing of weather maps, bulletins, circulars, forms, and other publications, including the pay of additional employees, when necessary, \$12,000: *Provided*, That no printing shall be done by the Weather Bureau that can be done at the Government Printing Office without impairing the service of said bureau;

For necessary expenses outside of the city of Washington incident to collecting and disseminating meteorological, climatological, and marine information, and for investigations in meteorology, climatology, seismology, volcanology, evaporation, and aerology, \$1,332,240, including not to exceed \$710,080 for salaries, \$130,470 for special

observations and reports, and \$299,450 for telegraphing and telephoning;

For investigations, observations, and reports, forecasts, warnings, and advices for the protection of horticultural interests from frost damage, \$12,000;

For official traveling expenses, \$28,000;

For the maintenance of stations, for observing, measuring, and investigating atmospheric phenomena, including salaries, travel, and other expenses in the city of Washington and elsewhere, \$85,040;

In all, General Expenses, \$1,587,855.

Total, Weather Bureau, \$1,939,255.

## BUREAU OF ANIMAL INDUSTRY.

### SALARIES.

Chief of bureau, \$5,000; chief clerk, \$2,500; executive assistant, \$2,500; seven executive clerks at \$2,000 each; clerks—twelve of class four, ten at \$1,680 each, eighteen of class three, fourteen at \$1,500 each, forty of class two, eight at \$1,380 each, twenty at \$1,320 each, forty-five at \$1,300 each, eight at \$1,260 each, one hundred and twenty of class one, twenty at \$1,100 each, twenty-five at \$1,080 each, thirty-two at \$1,000 each, one \$960; architect, \$2,000; laboratory aid, \$1,200; laboratory helper, \$1,200; three laboratory assistants at \$1,200 each; laboratory mechanicians—one \$1,640, one \$1,440; carpenter, \$1,140; two messengers and custodians at \$1,200 each; skilled laborers—one \$1,200, three at \$1,000 each, six at \$900 each; painter, \$900; laborers—forty-eight at \$960 each, two at \$900 each, three at \$780 each; messengers or laborers—eleven at \$840 each, twenty-six at \$720 each; messenger boys—two at \$660 each, three at \$600 each, five at \$540 each, thirteen at \$480 each; charwomen—one \$600, one \$540, seventeen at \$480 each, one \$360, two at \$300 each, seven at \$240 each; in all, \$627,480.

### GENERAL EXPENSES, BUREAU OF ANIMAL INDUSTRY.

For carrying out the provisions of the Act approved May 29, 1884, establishing a Bureau of Animal Industry, and the provisions of the Act approved March 3, 1891, providing for the safe transport and humane treatment of export cattle from the United States to foreign countries, and for other purposes; the Act approved August 30, 1890, providing for the importation of animals into the United States, and for other purposes; and the provisions of the Act of May 9, 1902, extending the inspection of meats to process butter, and providing for the inspection of factories, marking of packages, and so forth; and the provisions of the Act approved February 2, 1903, to enable the Secretary of Agriculture to more effectually suppress and prevent the spread of contagious and infectious diseases of live stock, and for other purposes; and also the provisions of the Act approved March 3, 1905, to enable the Secretary of Agriculture to establish and maintain quarantine districts, to permit and regulate the movement of cattle and other live stock therefrom, and for other purposes; and for carrying out the provisions of the Act of June 29, 1906, entitled "An Act to prevent cruelty to animals while in

transit by railroad or other means of transportation"; and for carrying out the provisions of the Act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous products manufactured in the United States, and the importation of such products intended for use in the treatment of domestic animals; and to enable the Secretary of Agriculture to collect and disseminate information concerning live stock, dairy, and other animal products; to prepare and disseminate reports on animal industry; to employ and pay from the appropriation herein made as many persons in the city of Washington or elsewhere as he may deem necessary; to purchase in the open market samples of all tuberculin, serums, antitoxins, or analogous products, of foreign or domestic manufacture, which are sold in the United States, for the detection, prevention, treatment, or cure of diseases of domestic animals, to test the same, and to disseminate the results of said tests in such manner as he may deem best; to purchase and destroy diseased or exposed animals or quarantine the same whenever in his judgment essential to prevent the spread of pleuropneumonia, tuberculosis, or other diseases of animals from one State to another, as follows:

For inspection and quarantine work, including all necessary expenses for the eradication of scabies in sheep and cattle, the inspection of southern cattle, the supervision of the transportation of live stock, and the inspection of vessels, the execution of the twenty-eight-hour law, the inspection and quarantine of imported animals, including the establishment and maintenance of quarantine stations and repairs, alterations, improvements, or additions to buildings thereon; the inspection work relative to the existence of contagious diseases, and the mallein testing of animals, \$529,640: *Provided*, That not to exceed \$15,000 shall be used for improvements and repairs to quarantine stations: *Provided further*, That no part of this sum shall be used for the manufacture, preparation, or distribution of blackleg vaccine;

For investigating the disease of tuberculosis of animals, for its control and eradication, for the tuberculin testing of animals, and for researches concerning the cause of the disease, its modes of spread, and methods of treatment and prevention, including demonstrations, the formation of organizations, and such other means as may be necessary, either independently or in cooperation with farmers, associations, State, Territory, or county authorities, \$2,877,600, of which \$850,000 shall be set aside for administrative and operating expenses and \$2,027,600 for the payment of indemnities: *Provided, however*, That in carrying out the purpose of this appropriation, if in the opinion of the Secretary of Agriculture it shall be necessary to destroy tuberculous animals and to compensate owners for loss thereof, he may, in his discretion, and in accordance with such rules and regulations as he may prescribe, expend in the city of Washington or elsewhere out of the moneys of this appropriation, such sums as he shall determine to be necessary, within the limitations above provided, for the reimbursement of owners of animals so destroyed, in cooperation with such States, Territories, counties, or municipalities, as shall by law or by suitable action in keeping with its authority in the matter, and by rules and regulations adopted and enforced in pursuance thereof, provide

inspection of tuberculous animals and for compensation to owners of animals so destroyed, but no part of the money hereby appropriated shall be used in compensating owners of such animals except in cooperation with and supplementary to payments to be made by State, Territory, county, or municipality where condemnation of such animals shall take place; nor shall any payment be made hereunder as compensation for or on account of any such animal destroyed if at the time of inspection or test of such animal, or at the time of condemnation thereof, it shall belong to or be upon the premises of any person, firm, or corporation, to which it has been sold, shipped, or delivered for the purpose of being slaughtered: *Provided further*, That out of the money hereby appropriated no payment as compensation for any tuberculous animal destroyed shall exceed one-third of the difference between the appraised value of such animal and the value of the salvage thereof; that no payment hereunder shall exceed the amount paid or to be paid by the State, Territory, county, or municipality, where the animal shall be condemned; and that in no case shall any payment hereunder be more than \$25 for any grade animal or more than \$50 for any pure-bred animal, and no payment shall be made unless the owner has complied with all lawful quarantine regulations;

For all necessary expenses for the eradication of southern cattle ticks, \$660,000: *Provided*, That no part of this appropriation shall be used for the purchase of animals or in the purchase of materials for or in the construction of dipping vats upon land not owned solely by the United States, except at fairs or expositions where the Department of Agriculture makes exhibits or demonstrations; nor shall any part of this appropriation be used in the purchase of materials or mixtures for use in dipping vats except in experimental or demonstration work carried on by the officials or agents of the Bureau of Animal Industry;

For all necessary expenses for investigations and experiments in dairy industry, including repairs, alterations, improvements, and additions to buildings absolutely necessary to carry on experiments, including the employment of labor in the city of Washington and elsewhere, cooperative investigations of the dairy industry in the various States, and inspection of renovated-butter factories, \$375,000;

For all necessary expenses for investigations and experiments in animal husbandry; for experiments in animal feeding and breeding, including cooperation with the State agricultural experiment stations, including repairs and additions to and erection of buildings absolutely necessary to carry on the experiments, including the employment of labor in the city of Washington, and elsewhere, rent outside of the District of Columbia, and all other necessary expenses, \$300,000: *Provided*, That of the sum thus appropriated \$58,640 may be used for experiments in poultry feeding and breeding: *Provided further*, That of the sum thus appropriated \$8,000 is made available for the erection of necessary buildings at the United States sheep experiment station in Clark County, Idaho, to furnish facilities for the investigation of problems pertaining to the sheep and wool industry on the farms and ranges of the Western States;

For all necessary expenses for scientific investigations in diseases of animals, including the maintenance and improvement of the

bureau experiment station at Bethesda, Maryland, and the necessary alterations of buildings thereon, and the necessary expenses for investigations of tuberculin, serums, antitoxins, and analogous products, \$112,000: *Provided*, That of said sum \$40,000 may be used for researches concerning the cause, modes of spread, and methods of treatment and prevention of the disease of contagious abortion of animals;

For investigating the disease of hog cholera, and for its control or eradication by such means as may be necessary, including demonstrations, the formation of organizations, and other methods, either independently or in cooperation with farmers' associations, State or county authorities, \$406,020: *Provided*, That of said sum \$195,000 shall be available for expenditure in carrying out the provisions of the Act approved March 4, 1913, regulating the preparation, sale, barter, exchange, or shipment of any virus, serum, toxin, or analogous product manufactured in the United States and the importation of such products intended for use in the treatment of domestic animals: *Provided further*, That of said sum \$29,520 shall be available for researches concerning the cause, modes of spread, and methods of treatment and prevention of this disease;

For all necessary expenses for the investigation, treatment, and eradication of dourine, \$45,000;

For the construction of a dairy barn at bureau experiment farm at Beltsville, Maryland, \$20,000;

For general administrative work, including traveling expenses and salaries of employees engaged in such work, rent outside of the District of Columbia, office fixtures and supplies, express, freight, telegraph, telephone, and other necessary expenses, \$26,686;

In all, general expenses, \$5,851,946.

#### MEAT INSPECTION.

For additional expenses in carrying out the provisions of the Meat Inspection Act of June 30, 1906 (Thirty-fourth Statutes at Large, page 674), as amended by the Act of March 4, 1907 (Thirty-fourth Statutes at Large, page 1256), and as extended to equine meat by the Act of July 24, 1919 (Forty-first Statutes at Large, page 241), including the purchase of tags, labels, stamps, and certificates printed in course of manufacture, \$866,180.

Total, Bureau of Animal Industry, \$6,845,606.

#### BUREAU OF PLANT INDUSTRY.

##### SALARIES.

Physiologist and pathologist, who shall be chief of bureau, \$5,000; assistant to the chief, \$3,000; executive assistant, \$2,500; officer in charge of publications, \$2,250; landscape gardener, \$1,800; executive clerks—five at \$2,250 each, five at \$1,980 each; seed inspector, \$1,000; seed warehouseman, \$1,400; clerks—twelve of class four, eighteen of class three, ten at \$1,500 each, thirty-one of class two, one hundred and one of class one, seven at \$1,100 each, thirty at \$1,000 each; two clerks or draftsmen at \$1,200 each; artist, \$1,620; clerks or artists—one \$1,400, two at \$1,200 each; laboratory aids—

two at \$1,440 each; one \$1,380, two at \$900 each; four laboratory aids or clerks at \$1,200 each; map tracer or laboratory aid, \$900; assistants in technology—one \$1,400, one \$1,380; gardeners—two at \$1,440 each, six at \$1,200 each, eight at \$1,100 each, twenty at \$900 each, ten at \$780 each; general mechanic, \$1,400; mechanician, \$1,080; mechanical assistants—one \$1,400, one \$1,200; teamster, \$840; skilled laborers—three at \$1,100 each; one \$960, two at \$900 each, three at \$840 each; laborers—one \$780, eighty-six at \$720 each; seventeen messengers or laborers at \$480 each; messenger boys—five at \$660 each, fourteen at \$600 each, ten at \$480 each; charwomen—eleven at \$480 each, twenty-one at \$240 each; in all, \$485,020.

#### GENERAL EXPENSES, BUREAU OF PLANT INDUSTRY.

For all necessary expenses in the investigation of fruits, fruit trees, grain, cotton, tobacco, vegetables, grasses, forage, drug, medicinal, poisonous, fiber, and other plants and plant industries, in cooperation with other branches of the department, the State experiment stations, and practical farmers, and for the erection of necessary farm buildings: *Provided*, That the cost of any building erected shall not exceed \$1,500; for field and station expenses, including fences, drains, and other farm improvements; for repairs in the District of Columbia and elsewhere; for rent outside of the District of Columbia: and for the employment of all investigators, local and special agents, agricultural explorers, experts, clerks, illustrators, assistants, and all labor and other necessary expenses in the city of Washington and elsewhere required for the investigations, experiments, and demonstrations herein authorized, as follows:

For investigations of plant diseases and pathological collections, including the maintenance of a plant-disease survey, \$77,000.

For the investigation of diseases of orchard and other fruits, including the diseases of the pecan, \$113,935.

For conducting such investigations of the nature and means of communication of the disease of citrus trees known as citrus canker, and for applying such methods of eradication or control of the disease as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means, in the city of Washington and elsewhere, and cooperation with such authorities of the States concerned, organizations of growers, or individuals, as he may deem necessary to accomplish such purposes, \$60,000, and, in the discretion of the Secretary of Agriculture, no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by State, county, or local authorities or by individuals or organizations for the accomplishment of such purposes: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of trees or other property injured or destroyed;

For the investigation of diseases of forest and ornamental trees and shrubs, including a study of the nature and habits of the parasitic fungi causing the chestnut-tree bark disease, the white-pine blister rust, and other epidemic tree diseases, for the purpose of discovering new methods of control and applying methods of eradication or control already discovered, \$81,115;

For applying such methods of eradication or control of the white-pine blister rust as in the judgment of the Secretary of Agriculture may be necessary, including the payment of such expenses and the employment of such persons and means in the city of Washington and elsewhere, in cooperation with such authorities of the States concerned, organizations, or individuals as he may deem necessary to accomplish such purposes, and in the discretion of the Secretary of Agriculture no expenditures shall be made for these purposes until a sum or sums at least equal to such expenditures shall have been appropriated, subscribed, or contributed by States, county or local authorities, or by individuals or organizations for the accomplishment of such purposes, \$250,000: *Provided*, That no part of this appropriation shall be used to pay the cost or value of trees or other property injured or destroyed;

For the investigation of diseases of cotton, potatoes, truck crops, forage crops, drug and related plants, \$127,000;

For investigating the physiology of crop plants and for testing and breeding varieties thereof, \$66,860;

For soil-bacteriology and plant-nutrition investigations, including the testing of samples, procured in the open market, of cultures for inoculating legumes, and if any such samples are found to be impure, nonviable, or misbranded, the results of the tests may be published, together with the names of the manufacturers and of the persons by whom the cultures were offered for sale, \$50,000;

For soil-fertility investigations into organic causes of infertility and remedial measures, maintenance of productivity, properties and composition of soil humus, and the transformation and formation of soil humus by soil organisms, \$45,060;

For acclimatization and adaptation investigations of cotton, corn, and other crops introduced from tropical regions, and for the improvement of cotton and other fiber plants by cultural methods, breeding, and selection, and for determining the feasibility of increasing the production of hard fibers outside of the continental United States, \$132,500: *Provided*, That not more than \$7,500 of this sum may be used for experiments in cottonseed interbreeding;

For the investigation, testing, and improvement of plants yielding drugs, spices, poisons, oils, and related products and by-products and for general physiological and fermentation investigations, \$39,820;

For crop technological investigations, including the study of plant-infesting nematodes, \$42,440;

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of the persons by whom the seeds were offered for sale, and for carrying out the provisions of the Act approved August 24, 1912, entitled "An Act to regulate foreign commerce by prohibiting the admission into the United States of certain adulterated grain and seeds unfit for seeding purposes" (Thirty-seventh Statutes at Large, page 506), \$44,680;

For the investigation and improvement of cereals, including corn, and methods of cereal production, and for the study and control of cereal diseases, including barberry eradication, and for the inves-

tigation of the cultivation and breeding of flax for seed purposes, including a study of flax diseases, and for the investigation and improvement of broom corn and methods of broom-corn production, \$697,505: *Provided*, That \$425,000 shall be set aside for the location and destruction of the barberry bushes and other vegetation from which rust spores originate: *Provided further*, That \$125,000 of this amount shall be available for expenditure only when an equal amount shall have been appropriated, subscribed, or contributed by States, counties, or local authorities, or by individuals or organizations, for the accomplishment of such purposes; )

For the investigation and improvement of tobacco and the methods of tobacco production and handling, \$41,000;

For the breeding and physiological study of alkali-resistant and drought-resistant crops, \$20,080;

For sugar-plant investigations, including studies of diseases and the improvement of sugar beets and sugar-beet seed, \$104,115;

For investigation, improvement, and utilization of wild plants and grazing lands, and for determining the distribution of weeds and means of their control, \$30,800;

For the investigation and improvement of methods of crop production under subhumid, semiarid, or dry-land conditions, \$180,000: *Provided*, That the limitations in this Act as to the cost of farm buildings shall not apply to this paragraph: *Provided further*, That no part of this appropriation shall be used in the free distribution, or propagation for free distribution, of cuttings, seedlings, or trees of willow, box elder, ash, caragana, or other common varieties of fruit, ornamental, or shelter-belt trees in the Northern Great Plains area, except for experimental or demonstration purposes in the States of North and South Dakota west of the one hundredth meridian, and in Montana and Wyoming east of the five thousand-foot contour line;

For investigations in connection with western irrigation agriculture, the utilization of lands reclaimed under the Reclamation Act, and other areas in the arid and semiarid regions, \$94,420;

For the investigation, improvement, encouragement, and determination of the adaptability to different soils and climatic conditions of pecans, almonds, Persian walnuts, black walnuts, hickory nuts, butternuts, chestnuts, filberts, and other nuts, and for methods of growing, harvesting, packing, shipping, storing, and utilizing the same, \$28,000;

For the investigation and improvement of fruits, and the methods of fruit growing, harvesting, handling, and studies of the physiological and related changes of fruits and vegetables during the processes of marketing and while in commercial storage, \$131,700;

To cultivate and care for the gardens and grounds of the Department of Agriculture in the city of Washington, including the keep and lighting of the grounds and the construction, surfacing, and repairing of roadways and walks; and to erect, manage, and maintain conservatories, greenhouses, and plant and fruit propagating houses on the grounds of the Department of Agriculture in the city of Washington, \$15,000;

For horticultural investigations, including the study of producing and harvesting truck and related crops, including potatoes, and studies of the physiological and related changes of vegetables while in the processes of marketing and in commercial storage, and the

study of landscape and vegetable gardening, floriculture, and related subjects, \$79,440;

For investigating, in cooperation with States or privately owned nurseries, methods of propagating fruit trees, ornamental and other plants, the study of stocks used in propagating such plants and methods of growing stocks, for the purpose of providing American sources of stocks, cuttings, or other propagating materials, \$20,000;

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the State of Virginia, in accordance with the provisions of the Act of Congress approved April 18, 1900, \$20,500: *Provided*, That the limitations in this Act as to the cost of farm buildings shall not apply to this paragraph;

For investigations in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings, and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country, \$125,000;

For the purchase, propagation, testing, and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry-land plants, \$115,000: *Provided*, That of this amount not to exceed \$36,600 may be used for the purchase and distribution of such new and rare seeds;

For biophysical investigations in connection with the various lines of work herein authorized, \$32,500;

For general administrative expenses connected with the above-mentioned lines of investigation, including the office of the chief of bureau, the assistant chief of bureau, the officers in charge of publications, records, supplies, and property, and for miscellaneous expenses incident thereto, \$25,980;

In all, general expenses, \$2,891,450.

Total, Bureau of Plant Industry, \$3,376,470.

## FOREST SERVICE.

### SALARIES.

Forester, who shall be chief of bureau, \$5,000; chief of office of accounts and fiscal agent, \$2,500; inspector of records, \$2,400; seven district fiscal agents, at \$2,120 each; forest supervisors—one \$3,240, one \$2,880, eight at \$2,500 each, sixteen at \$2,380 each, forty-four at \$2,180 each, sixty at \$1,980 each, five at \$1,780 each; deputy forest supervisors—one \$1,980, four at \$1,880 each, twenty-five at \$1,780 each, twenty-eight at \$1,680 each, fifteen at \$1,580 each; forest rangers—eleven at \$1,620 each, twenty-three at \$1,520 each, seventy-eight at \$1,420 each, two hundred and eighty-eight at \$1,320 each, four hundred and twenty-six at \$1,220 each; for additional forest rangers, guards, or scalers at the rate of \$1,220 per annum for periods of twelve months or less, \$200,080; clerks—three at \$2,100 each, four at \$2,000 each, twenty at \$1,800 each, twenty-three at \$1,600 each, nine at \$1,500 each, thirty-two at \$1,400 each, nine at \$1,300 each, one hundred and forty at \$1,200 each, ninety-six at \$1,100 each,

fifty-three at \$1,020 each, thirty at \$960 each, one hundred at \$900 each, two at \$840 each, one \$600; clerk or compositor, \$1,600; clerk or proof reader, \$1,400; clerk or translator, \$1,400; compiler, \$1,800; draftsmen—one \$2,000, three at \$1,600 each, two at \$1,500 each, nine at \$1,400 each, four at \$1,300 each, sixteen at \$1,200 each, two at \$1,100 each, three at \$1,020 each, one \$1,000, one \$960; draftsmen or surveyors—two at \$1,800 each, three at \$1,600 each, sixteen at \$1,500 each, six at \$1,400 each; draftsman or artist, \$1,200; draftsman or negative cutter, \$1,200; artists—one \$1,600, one \$1,000; photographers—one \$1,600, one \$1,400, one \$1,200, one \$1,100; lithographer or photographer, \$1,200; machinist, \$1,260; carpenters—two at \$1,200 each, three at \$1,000 each, one \$960; electrician, \$1,020; laboratory aids and engineers—one \$1,000, nine at \$900 each, two at \$800 each; laboratory helpers—one \$720, one \$600; packers—one \$1,000, one \$780; messengers or laborers—two at \$960 each, three at \$900 each, four at \$840 each, four at \$780 each, five at \$720 each, six at \$660 each; messenger boys—five at \$600 each, two at \$540 each, three at \$480 each, three at \$420 each; charwomen—one \$540, one \$480, one \$300, eleven at \$240 each; in all, \$2,471,000.

#### GENERAL EXPENSES, FOREST SERVICE.

To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, national forests, forest fires, and lumbering, but no part of this appropriation shall be used for any experiment or test made outside the jurisdiction of the United States; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses, and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building purchased, erected, or as improved shall not exceed \$1,000; to pay all expenses necessary to protect, administer, and improve the national forests, including tree planting in the forest reserves to prevent erosion, drift, surface wash, and soil waste and the formation of floods, and including the payment of rewards under regulations of the Secretary of Agriculture for information leading to the arrest and conviction for violation of the laws and regulations relating to fires in or near national forests, or for the unlawful taking of, or injury to, Government property; to ascertain the natural conditions upon and utilize the national forests and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests to be exported from the State or Territory in which said forests are respectively situated; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ agents, clerks, assistants, and other labor required in practical forestry and in the administration of national forests in the city of Washington and elsewhere; to collate, digest, report, and illustrate the results of experiments and investigations made by the Forest Service; to purchase necessary supplies, apparatus, office fixtures, law books, and technical books and technical journals for officers of the Forest Service stationed outside of Washington, and for medical

supplies and services and other assistance necessary for the immediate relief of artisans, laborers, and other employees engaged in any hazardous work under the Forest Service; to pay freight, express, telephone, and telegraph charges; for electric light and power, fuel, gas, ice, washing towels, and official traveling and other necessary expenses, including traveling expenses for legal and fiscal officers while performing Forest Service work; and for rent outside of the District of Columbia, as follows:

For the employment of forest supervisors, deputy forest supervisors, forest rangers, forest guards, and administrative clerical assistants on the national forests, and for additional salaries and field-station expenses, including the maintenance of nurseries, collecting seed, and planting, necessary for the use, maintenance, improvement, and protection of the national forests and of additional national forests created or to be created under section 11 of the Act of March 1, 1911 (Thirty-sixth Statutes at Large, page 963), and lands under contract for purchase or for the acquisition of which condemnation proceedings have been instituted for the purposes of said Act, and for necessary miscellaneous expenses incident to the general administration of the Forest Service and of the national forests:

In national forest district one, Montana, Washington, Idaho, South Dakota, \$604,955: *Provided*. That the Secretary of Agriculture is authorized to use not to exceed \$500 of the funds herein appropriated for district one for the marking of the graves in Saint Maries, Idaho, of fire fighters who lost their lives while fighting forest fires in the employ of the Forest Service in 1910: *Provided further*, That the Secretary is authorized to use not to exceed \$200 in caring for the graves of fire fighters buried at Wallace, Idaho, and Saint Maries, Idaho;

In national forest district two, Colorado, Wyoming, South Dakota, Nebraska, Michigan, Minnesota, \$241,722;

In national forest district three, Arizona and New Mexico, \$237,642;

In national forest district four, Utah, Idaho, Wyoming, Nevada, Arizona, \$277,355;

In national forest district five, California and Nevada, \$393,575;

In national forest district six, Washington, Oregon, and California, \$385,050;

In national forest district seven, Arkansas, Alabama, Florida, Oklahoma, Georgia, South Carolina, North Carolina, Pennsylvania, Tennessee, Virginia, West Virginia, New Hampshire, Maine, Porto Rico, \$146,073;

In national forest district eight, Alaska, \$59,260;

In the District of Columbia, \$116,230.

In all, for the use, maintenance, improvement, protection, and general administration of the national forests, \$2,461,862: *Provided*, That the foregoing amounts appropriated for such purposes shall be available interchangeably in the discretion of the Secretary of Agriculture for the necessary expenditures for fire protection and other unforeseen exigencies: *Provided further*, That the amount so interchanged shall not exceed in the aggregate 10 per centum of all the amounts so appropriated;

For fighting and preventing forest fires, \$250,000, or so much thereof as may be necessary: *Provided*, That not to exceed \$25,000 of this amount may be used in meeting emergencies caused by forest insects;

For the selection, classification, and segregation of lands within the boundaries of national forests that may be opened to homestead settlement and entry under the homestead laws applicable to the national forests; for the examination and appraisal of lands in effecting exchanges authorized by law and for the survey thereof by metes and bounds or otherwise, by employees of the Forest Service, under the direction of the Commissioner of the General Land Office; and for the survey and platting of certain lands, chiefly valuable for agriculture, now listed or to be listed within the national forests, under the Act of June 11, 1906 (Thirty-fourth Statutes, page 233), and the Act of March 3, 1899 (Thirtieth Statutes, page 1095), as provided by the Act of March 4, 1913, \$60,000;

For the construction of sanitary facilities and for fire preventive measures on public camp grounds within the national forests when necessary for the protection of the public health or the prevention of forest fires, \$15,000;

For the purchase and maintenance of necessary field, office, and laboratory supplies, instruments, and equipments, \$150,000;

For investigations of methods for wood distillation and for the preservative treatment of timber, for timber testing, and the testing of such woods as may require test to ascertain if they be suitable for making paper, for investigations and tests within the United States of foreign woods of commercial importance to industries in the United States, and for other investigations and experiments to promote economy in the use of forest and fiber products, and for commercial demonstrations of improved methods or processes, in cooperation with individuals and companies, \$350,800: *Provided*, That \$15,000 of this amount shall be used for the investigation by the Forest Products Laboratory of the United States Department of Agriculture of flax straw as a source of supply for the manufacture of pulp and paper;

For experiments and investigations of range conditions within the national forests or elsewhere on the public range, and of methods for improving the range by reseeding, regulation of grazing, and other means, \$35,000;

For the purchase of tree seed, cones, and nursery stock, for seeding and tree planting within national forests, and for experiments and investigations necessary for such seeding and tree planting, \$125,640: *Provided*, That from the nurseries on the Nebraska National Forest the Secretary of the Agriculture, under such rules and regulations as he may prescribe, may furnish young trees free, so far as they may be spared, to residents of the territory covered by "An Act increasing the area of homesteads in a portion of Nebraska," approved April 28, 1904;

For silvicultural, dendrological, and other experiments and investigations, independently or in cooperation with other branches of the Federal Government, with States, and with individuals, to determine the best methods for the conservative management of forest and forest lands, \$135,000;

For estimating and appraising timber and other resources on the national forests preliminary to disposal by sale or to the issue of occupancy permits, and for emergency expenses incident to their sale or use, \$100,000;

For other miscellaneous forest investigations and for collating, digesting, recording, illustrating, and distributing the results of the experiments and investigations herein provided for, \$31,280;

For the construction and maintenance of roads, trails, bridges, fire lanes, telephone lines, cabins, fences, and other improvements necessary for the proper and economical administration, protection, and development of the national forests, \$448,000: *Provided*, That not to exceed \$50,000 may be expended for the construction and maintenance of boundary and range division fences, counting corrals, stock driveways and bridges, the development of stock watering places, and the eradication of poisonous plants on the national forests;

In all, General Expenses, \$4,162,582.

To enable the Secretary of Agriculture more effectively to carry out the provisions of the Act of March 1, 1911 (Thirty-sixth Statutes, page 961), entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$41,350 of the moneys appropriated therein, or for carrying out its purposes, shall be available for the employment of agents, title attorneys, clerks, assistants, and other labor, and for the purchase of supplies and equipment required for the purpose of said Act in the city of Washington.

Total, Forest Service, \$6,633,582.

## BUREAU OF CHEMISTRY.

### SALARIES.

Chemist, who shall be chief of bureau, \$5,000; two administrative assistants at \$2,500 each; five executive clerks at \$2,000 each; clerks—fourteen of class four, sixteen of class three, six at \$1,440 each, thirty of class two, twelve at \$1,300 each, fifty-seven of class one, thirteen at \$1,020 each; machine operators—two at \$1,000 each; laboratory helpers—eight at \$1,200 each, ten at \$1,020 each, four at \$960 each, five at \$900 each; laboratory helpers or laborers—ten at \$840 each, six at \$780 each, twenty-four at \$720 each, three at \$600 each; mechanics—one \$2,280, three at \$1,800 each, one \$1,620, two at \$1,400 each, two at \$1,200 each; skilled laborers—one \$1,050, one \$1,020, one \$900; messenger boys—one \$720, eight at \$600 each, three at \$540 each, one \$480; twelve charwomen at \$240 each; in all, \$308,970.

### GENERAL EXPENSES, BUREAU OF CHEMISTRY.

For all necessary expenses, for chemical apparatus, chemicals and supplies, repairs to apparatus, gas, electric current, official traveling expenses, telegraph and telephone service, express and freight charges, for the employment of such assistants, clerks, and other persons as the Secretary of Agriculture may consider necessary

for the purposes named, in the city of Washington and elsewhere, in conducting investigations; collecting, reporting, and illustrating the results of such investigations; and for rent outside of the District of Columbia for carrying out the investigations and work herein authorized as follows:

For conducting the investigations contemplated by the Act of May 15, 1862, relating to the application of chemistry to agriculture; for the biological investigation of food and drug products and substances used in the manufacture thereof, including investigations of the physiological effects of such products on the human organism, \$92,900;

For collaboration with other departments of the Government desiring chemical investigations and whose heads request the Secretary of Agriculture for such assistance, and for other miscellaneous work, \$14,000;

For investigation and experiment in the utilization, for coloring, medicinal, and technical purposes, of raw materials grown or produced in the United States, in cooperation with such persons, associations, or corporations as may be found necessary, including repairs, alterations, improvements, or additions to a building on the Arlington Experimental Farm, \$56,260;

For the investigation and development of methods for the manufacture of table sirup and sugar and of methods for the manufacture of sweet sirups by the utilization of new agricultural sources, \$30,000;

For enabling the Secretary of Agriculture to carry into effect the provisions of the Act of June 30, 1906, entitled "An Act for preventing the manufacture, sale or transportation of adulterated, or misbranded, or poisonous, or deleterious foods, drugs, medicines, and liquors, and for regulating traffic therein, and for other purposes"; to cooperate with associations and scientific societies in the revision of the United States Pharmacopoeia and development of methods of analysis, and for investigating the character of the chemical and physical tests which are applied to American food products in foreign countries, and for inspecting the same before shipment when desired by the shippers or owners of these products intended for countries where chemical and physical tests are required before the said products are allowed to be sold therein, \$704.401: *Provided*, That not more than \$4,280 shall be used for travel outside of the United States:

For enabling the Secretary of Agriculture to carry into effect the provisions of the Act approved March 2, 1897, entitled "An Act to prevent the importation of impure and unwholesome tea," as amended, including payment of compensation and expenses of the members of the board appointed under section 2 of the Act and all other necessary officers and employees, \$38,000:

For investigating the grading, weighing, handling, transportation, and uses of naval stores, the preparation of definite type samples thereof, and for the demonstration of improved methods or processes of preparing naval stores, in cooperation with individuals and companies, including the employment of necessary persons and means in the city of Washington and elsewhere, \$10,000;

For the investigation and development of methods of manufacturing insecticides and fungicides, and for investigating chemical

problems relating to the composition, action, and application of insecticides and fungicides, \$20,000;

For the study and improvement of methods of dehydrating materials used for food, in cooperation with such persons, associations, or corporations as may be found necessary, and to disseminate information as to the value and suitability of such products for food, \$20,500;

For the investigation and development of methods for the prevention of grain-dust, smut-dust, and other plant-dust explosions and resulting fires, including fires in cotton gins and cotton-oil mills, \$25,000;

In all, general expenses, \$1,011,061.

Total, Bureau of Chemistry, \$1,320,031.

## BUREAU OF SOILS.

### SALARIES.

Soil physicist, who shall be chief of bureau, \$4,000; chief clerk, \$2,000; administrative assistant, \$2,100; executive assistant, \$2,000; clerks—four of class four, three of class three, six of class two, one \$1,260, thirteen of class one; two soil cartographers at \$1,800 each; draftsmen—one \$1,600, eight at \$1,200 each; soil bibliographer or draftsman, \$1,400; laboratory helpers—one \$1,000, three at \$840 each; machinists—one \$1,440, one \$1,380; machinist's helper \$900; instrument maker \$1,200; messenger \$840; two messenger boys at \$480 each; messenger or laborer, \$660; laborers—two at \$600 each, one \$300; charwoman or laborer, \$480; in all, \$76,440.

### GENERAL EXPENSES, BUREAU OF SOILS.

For all necessary expenses connected with the investigations and experiments hereinafter authorized, including the employment of investigators, local and special agents, assistants, experts, clerks, draftsmen, and labor in the city of Washington and elsewhere; official traveling expenses, materials, tools, instruments, apparatus, repairs to apparatus, chemicals, furniture, office fixtures, stationery, gas, electric current, telegraph and telephone service, express and freight charges, rent outside the District of Columbia, and for all other necessary supplies and expenses as follows:

For chemical investigations of soil types, soil composition, and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture and soil productivity, including all routine chemical work in connection with the soil survey, \$23,110;

For physical investigations of the important properties of soil which determine productivity, such as moisture relations, aeration, heat conductivity, texture, and other physical investigations of the various soil classes and soil types, \$12,225;

For investigation within the United States of fertilizers and other soil amendments and their suitability for agricultural use, \$60,000;

For the investigation of soils, in cooperation with other branches of the Department of Agriculture, other departments of the Gov-

ernment, State agricultural experiment stations, and other State institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigations, \$168,200;

For examination of soils to aid in the classification of agricultural lands, in cooperation with other bureaus of the department and other departments of the Government, \$15,000;

For general administrative expenses connected with the above-mentioned lines of investigation, \$4,000;

In all, general expenses, \$282,535.

Total, Bureau of Soils, \$358,975.

## BUREAU OF ENTOMOLOGY.

### SALARIES.

Entomologist, who shall be chief of bureau, \$5,000; three administrative assistants, at \$2,250 each; clerks—seven of class four, thirteen of class three, twenty-two of class two, nineteen of class one; insect delineators—one \$1,600, two at \$1,400 each; entomological draftsmen—two at \$1,400 each, one \$1,080; entomological preparators—seven at \$1,000 each, one \$840; laborer, \$1,080; messengers or laborers—two at \$900 each, one \$840, one \$720; six messenger boys, at \$480 each; charwomen—two at \$480 each, three at \$240 each; in all, \$123,870.

### GENERAL EXPENSES, BUREAU OF ENTOMOLOGY.

For the promotion of economic entomology; for investigating the history and the habits of insects injurious and beneficial to agriculture, horticulture, arboriculture, and the study of insects affecting the health of man and domestic animals, and ascertaining the best means of destroying those found to be injurious; for collating, digesting, reporting, and illustrating the results of such investigations; for salaries and the employment of labor in the city of Washington and elsewhere, rent outside of the District of Columbia, freight, express charges, official traveling expenses, office fixtures, supplies, apparatus, telegraph and telephone service, gas, and electric current, in connection with the following investigations:

For investigations of insects affecting deciduous fruits, orchards, vineyards, and nuts, \$203,500;

For investigations of insects affecting cereal and forage crops, including a special investigation of the Hessian fly, grasshopper, and the chinch bug, \$170,000: *Provided*, That \$25,000 shall be available for investigating methods for the control and destruction of grasshoppers;

For investigations of insects affecting southern field crops, including insects affecting cotton, tobacco, rice, sugar cane, and so forth, and the cigarette beetle and Argentine ant, \$165,000;

For investigations of insects affecting forests, \$55,000: *Provided*, That \$15,000 shall be used for preventing and combating infestations of insects injurious to forest trees on and near the national forests, independently or in cooperation with other branches of the

Federal Government, with States, counties, municipalities, or with private owners;

For investigations of insects affecting truck crops, including insects affecting the potato, sugar beet, cabbage, onion, tomato, beans, peas, and so forth, and insects affecting stored products, \$123,000;

For investigations and demonstrations in bee culture, \$33,800;

For investigations of insects affecting citrus and other tropical and subtropical plants, and for investigations and control of the Mediterranean and other fruit flies, in cooperation with the Federal Horticultural Board, \$71,500;

For investigations, identification, and systematic classification of miscellaneous insects, including the study of insects affecting the health of man and domestic animals, household insects, and the importation and exchange of useful insects, \$62,330: *Provided*, That \$10,000 shall be available for investigations of the blowfly and screw worm;

For general administrative expenses connected with above lines of investigation, and for miscellaneous expenses incident thereto, \$3,880;

In all, general expenses, \$888,010.

#### PREVENTING SPREAD OF MOTHS.

To enable the Secretary of Agriculture to meet the emergency caused by the continued spread of the gypsy and brown-tail moths by conducting such experiments as may be necessary to determine the best methods of controlling these insects; by introducing and establishing the parasites and natural enemies of these insects and colonizing them within the infested territory; by establishing and maintaining a quarantine against further spread in such a manner as is provided by the general nursery-stock law, approved August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products, to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests, to permit and regulate the movements of fruits, plants, and vegetables therefrom, and for other purposes," in cooperation with the authorities of the different States concerned and with the several State experiment stations, including rent outside of the District of Columbia, the employment of labor in the city of Washington and elsewhere, and all other necessary expenses, \$531,000.

#### PREVENTION OF SPREAD OF EUROPEAN CORN BORER.

To enable the Secretary of Agriculture to meet the emergency caused by the spread of the European corn borer, and to provide means for the control and prevention of spread of this insect throughout the United States, in cooperation with the States concerned, including employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, \$225,000: *Provided*, That in the discretion of the Secretary of Agriculture \$100,000 of this amount shall be available for expenditure only when an equal amount shall have been appropriated, subscribed, or con-

tributed by States, counties, or local authorities, or by individuals or organizations, for the accomplishment of such purposes.

CONTROL AND PREVENTION OF SPREAD OF THE MEXICAN BEAN BEETLE.

To enable the Secretary of Agriculture to meet the emergency caused by the recent introduction and rapid multiplication of the Mexican bean beetle in the State of Alabama, and other States, and to provide means for the study, experimentation in eradication, and for the control and prevention of the spread of this insect in that State and to other States, in cooperation with the State of Alabama and other States concerned and with individuals affected, including the employment of persons and means in the city of Washington and elsewhere, and all other necessary expenses, \$30,000.

Total, Bureau of Entomology, \$1,797,880.

BUREAU OF BIOLOGICAL SURVEY.

SALARIES.

Biologist, who shall be chief of bureau, \$4,000; chief clerk and executive assistant, \$1,800; administrative assistant, \$2,250; executive assistant, \$1,800; executive clerk, \$1,980; clerks—five of class four, nine of class three, one \$1,500, eighteen of class two, one \$1,260, fifteen of class one, two at \$1,100 each, one \$1,080, two at \$1,000 each; preparators—one \$1,200, one \$900; photographer or clerk, \$1,300; game warden, \$1,200; messenger, \$720; messenger boys—one \$600, two at \$480 each; laborer, \$720; three charwomen at \$240 each; in all, \$94,790.

GENERAL EXPENSES, BUREAU OF BIOLOGICAL SURVEY.

For salaries and employment of labor in the city of Washington and elsewhere, furniture, supplies, including the purchase of bags, tags, and labels printed in the course of manufacture, traveling, and all other expenses necessary in conducting investigations and carrying out the work of the bureau, as follows:

For the maintenance of the Montana National Bison range and other reservations and for the maintenance of game introduced into suitable localities on public lands, under supervision of the Biological Survey, including construction of fencing, wardens' quarters, shelters for animals, landings, roads, trails, bridges, ditches, telephone lines, rockwork, bulkheads, and other improvements necessary for the economical administration and protection of the reservations, and for the enforcement of section 84 of the Act approved March 4, 1909, entitled "An Act to codify, revise, and amend the penal laws of the United States," \$37,935, of which sum \$2,500 may be used for the purchase, capture, and transportation of game for national reservations:

For the improvement and maintenance of the game preserve in Sullys Hill National Park, in the State of North Dakota, including the construction of all fences, sheds, buildings, corrals, roads, shelters, and other structures which may be necessary for the protection of game or for the use of visitors, in addition to the amount

heretofore appropriated, \$5,000, the same to be available until expended;

For investigating the food habits of North American birds and other animals in relation to agriculture, horticulture, and forestry; for investigations, experiments, and demonstrations in connection with rearing fur-bearing animals; for experiments, demonstrations, and cooperation in destroying mountain lions, wolves, coyotes, bobcats, prairie dogs, gophers, ground squirrels, jack rabbits, and other animals injurious to agriculture, horticulture, forestry, animal husbandry, and wild game; and for the protection of stock and other domestic animals through the suppression of rabies in predatory wild animals, \$502,240;

For biological investigations, including the relations, habits, geographic distribution, and migrations of animals and plants and the preparation of maps of the life zones, \$24,400;

For all necessary expenses for enforcing the provisions of the Migratory Bird Treaty Act of July 3, 1918 (Fortieth Statutes at Large, page 755), and for cooperation with local authorities in the protection of migratory birds, and for necessary investigations connected therewith, \$135,640: *Provided*, That of this sum not more than \$20,500 may be used for the enforcement of sections 241, 242, 243, and 244 of the Act approved March 4, 1909, entitled "An Act to codify, revise, and amend the penal laws of the United States," and for the enforcement of section 1 of the Act approved May 25, 1900, entitled "An Act to enlarge the powers of the Department of Agriculture, prohibit the transportation by interstate commerce of game killed in violation of local laws, and for other purposes," including all necessary investigations in connection therewith;

For investigations, experiments, and demonstrations for the welfare, improvement, and increase of the reindeer industry in Alaska, including the erection of necessary buildings and other structures and cooperation with the Bureau of Education, and for the enforcement of section 1956 of the Revised Statutes as amended so far as it relates to the protection of land fur-bearing animals in Alaska, including necessary investigations in connection therewith, \$61,500;

For general administrative expenses connected with the above-mentioned lines of work, including cooperation with other Federal bureaus, departments, boards, and commissions, on request from them, \$10,760;

In all, general expenses, \$777,475.

Total, Bureau of Biological Survey, \$872,265.

#### DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Salaries: Chief of division and disbursing clerk, \$4,000; supervising auditor, \$2,250; cashier and chief clerk, \$2,250; deputy disbursing clerk, \$2,000; accountant and bookkeeper, \$2,000; clerks—two of class four, six of class three, eight of class two, sixteen of class one, two at \$1,000 each; messenger, \$720; messenger boy, \$600; in all, \$59,420.

#### LIBRARY, DEPARTMENT OF AGRICULTURE.

Salaries: Librarian, \$2,000; clerks—two of class four, three of class three, five of class two, seven of class one, two at \$1,000 each; .

two messengers or laborers at \$720 each; messenger boys—one \$660, three at \$600 each; two charwomen at \$480 each; in all, \$32,660.

General expenses, Library: For books of reference, law books, technical and scientific books, newspapers and periodicals, and for expenses incurred in completing imperfect series; for the employment of additional assistants in the city of Washington and elsewhere; for official traveling expenses, and for library fixtures, library cards, supplies, and for all other necessary expenses, \$30,000.

Total, Library, \$62,660.

## BUREAU OF PUBLIC ROADS.

### SALARIES.

Chief of bureau, \$6,000; purchasing agent, \$2,500; draftsman or clerk, \$1,920; clerks or editorial clerks—one \$1,600, one \$1,200; clerks or photographers—one \$1,440, one \$1,200, one \$1,000; clerk or instrument maker, \$1,200; clerk or skilled laborer, \$1,000; clerks—one \$1,900, four of class four, seven of class three, four at \$1,500 each, six of class two, eight at \$1,320 each, six of class one, four at \$1,100 each, two at \$1,000 each; mechanician, \$1,680; mechanics—one \$2,100, one \$1,800, one \$1,500, one \$1,200; skilled laborer or mechanic, \$840; two laborers at \$900 each; messengers or laborers—two at \$840 each, two at \$660 each; four messengers, laborers, or laboratory helpers at \$720 each; fireman or laborer, \$720; messenger boys—seven at \$600 each, eight at \$480 each; twelve charwomen at \$240 each; in all, \$106,360.

### GENERAL EXPENSES, BUREAU OF PUBLIC ROADS.

For salaries and the employment of labor in the city of Washington and elsewhere, supplies, office fixtures, apparatus, traveling and all other necessary expenses, for conducting investigations and experiments, and for collating, reporting, and illustrating the results of same, and for preparing, publishing, and distributing bulletins and reports, as follows: *Provided*, That no part of these appropriations shall be expended for the rent or purchase of road-making machinery, except such as may be necessary for field experimental work as hereinafter provided for;

For inquiries in regard to systems of road management and economic studies of highway construction, operation, maintenance, and value, either independently or in cooperation with the State highway departments and other agencies, and for giving expert advice on these subjects, \$66,800;

For investigations of the best methods of road making, especially by the use of local materials; for studying the types of mechanical plants and appliances used for road building and maintenance; for studying methods of road repair and maintenance suited to the needs of different localities; and for furnishing expert advice on these subjects, \$77,060;

For maintenance and repairs of experimental highways, including the purchase of materials and equipment; for the employment of assistants and labor, \$15,000;

For investigating and reporting upon the utilization of water in farm irrigation, including the best methods to apply in practice; the different kinds of power and appliances, and the development of equipment for farm irrigation; the flow of water in ditches, pipes, and other conduits; the duty, apportionment, and measurement of irrigation water; the customs, regulations, and laws affecting irrigation; for the purchase and installation of equipment for experimental purposes; for the giving of expert advice and assistance; for the preparation and illustration of reports and bulletins on irrigation; for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia; and for supplies and all necessary expenses, \$72,000;

For investigating and reporting upon farm drainage and upon the drainage of swamp and other wet lands which may be made available for agricultural purposes; for preparing plans for the removal of surplus water by drainage, and for giving expert assistance by advice or otherwise in the drainage of such lands; for conducting field experiments and investigations concerning the construction and maintenance of farm-drainage work; for investigating and developing equipment intended for the construction and maintenance of farm-drainage structures; for the purchase of materials and equipment; and for preparing and illustrating reports and bulletins on drainage; and for the employment of assistants and labor in the city of Washington and elsewhere; for rent outside of the District of Columbia, and for supplies and all necessary expenses, \$72,260;

For investigating farm domestic water supply and drainage disposal, the construction of farm buildings, and other rural engineering problems involving mechanical principles, including the erection of such structures outside of the District of Columbia as may be necessary for experimental purposes only, the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$33,000;

For supervising the preparation, distribution, and use of picric acid, trinitrotoluol, trojan powder, and such other surplus war explosives as may be made available for use in clearing stumps and stones from agricultural land, independently or in cooperation with agricultural colleges and other agencies, and for investigating and reporting upon the results obtained from the use of the explosives, \$15,000;

For general administrative expenses connected with the above-mentioned lines of investigations and experiments, \$16,000;

In all, general expenses, \$367,120.

Total, Bureau of Public Roads, \$473,480.

## BUREAU OF AGRICULTURAL ECONOMICS.

### SALARIES.

Chief of bureau, \$5,000; administrative assistants—one \$3,000, one \$2,520, one \$2,500; executive assistant, \$2,250; accountant and book-keeper, \$2,000; executive clerks—eight at \$2,000 each, two at \$1,980 each; clerks—twenty-four of class four, forty-six of class three, eighty-four of class two, two at \$1,320 each, two hundred and seventy-one of class one, sixty-nine at \$1,100 each, seven at \$1,080 each, one

hundred and twenty-six at \$1,000 each; clerks or draftsmen—three at \$1,440 each; photographers—two at \$1,400 each, one \$1,200; superintendent of telegraph, \$2,000; supervising telegrapher, \$1,620; telegraph operators—five at \$1,600 each, forty-six at \$1,400 each; telephone operators—two at \$900 each; draftsmen—one \$1,800, one \$1,600, one \$1,400, one \$1,380, three at \$1,320 each, four at \$1,200 each; cartographer \$1,500; custodian of supplies \$1,200; machine operators or clerks—one \$1,400, two at \$1,100 each, six at \$1,000 each; skilled laborers—one \$1,200, one \$1,000; laborers—five at \$900 each, three at \$840 each, nine at \$720 each, four at \$660 each, five at \$600 each, two at \$540 each; messengers—four at \$900 each, one \$720; messenger boys—three at \$660 each, ten at \$600 each, ten at \$540 each, sixteen at \$480 each; charwomen—two at \$540 each, four at \$480 each, two at \$360 each, four at \$300 each, ten at \$240 each; in all, \$977,430.

#### GENERAL EXPENSES, BUREAU OF AGRICULTURAL ECONOMICS.

For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and all other expenses necessary in conducting investigations, experiments, and demonstrations, as follows:

For general administrative expenses in connection with the lines of investigation, experiment, and demonstration conducted in the Bureau of Agricultural Economics, \$36,273;

To investigate and encourage the adoption of improved methods of farm management and farm practice, \$281,987: *Provided*, That of this amount \$150,000 may be used in ascertaining the cost of production of the principal staple agricultural products;

For acquiring and diffusing among the people of the United States useful information on subjects connected with the marketing, handling, utilization, grading, transportation, and distributing of farm and nonmanufactured food products and the purchasing of farm supplies, including the demonstration and promotion of the use of uniform standards of classification of American farm products throughout the world, independently and in cooperation with other branches of the department, State agencies, purchasing and consuming organizations, and persons engaged in the marketing, handling, utilization, grading, transportation, and distributing of farm and food products, \$500,000;

For collecting, compiling, abstracting, analyzing, summarizing, interpreting, and publishing data relating to agriculture, including crop and live-stock estimates, acreage, yield, grades, stock, and value of farm crops, and numbers, grades, and value of live stock and live-stock products on farms, in cooperation with the Extension Service and other Federal, State, and local agencies, \$397,000: *Provided*, That \$65,000 shall be available for collecting and disseminating to American producers, importers, exporters, and other interested persons information relative to the world supply of and need for American agricultural products, marketing methods, conditions, prices, and other factors, a knowledge of which is necessary to the advantageous disposition of such products in foreign countries, independently and in cooperation with other branches of the Govern-

ment, State agencies, purchasing and consuming organizations, and persons engaged in the transportation, marketing, and distribution of farm and food products, including the purchase of such books and periodicals as may be necessary in connection with this work;

For enabling the Secretary of Agriculture to investigate and certify to shippers and other interested parties the quality and condition of fruits, vegetables, poultry, butter, hay, and other perishable farm products when offered for interstate shipment or when received at such important central markets as the Secretary of Agriculture may from time to time designate, or at points which may be conveniently reached therefrom, under such rules and regulations as he may prescribe, including payment of such fees as will be reasonable and as nearly as may be to cover the cost for the service rendered: *Provided*, That certificates issued by the authorized agents of the department shall be received in all courts of the United States as *prima facie* evidence of the truth of the statements therein contained, \$275,000;

For collecting, publishing, and distributing, by telegraph, mail, or otherwise, timely information on the market supply and demand, commercial movement, location, disposition, quality, condition, and market prices of live stock, meats, fish, and animal products, dairy and poultry products, fruits and vegetables, peanuts and their products, grain, hay, feeds, and seeds, and other agricultural products, independently and in cooperation with other branches of the Government, State agencies, purchasing and consuming organizations, and persons engaged in the production, transportation, marketing, and distribution of farm and food products, \$700,000;

In all, general expenses, \$2,190,260.

#### ENFORCEMENT OF THE UNITED STATES COTTON FUTURES ACT.

To enable the Secretary of Agriculture to carry into effect the provisions of the United States Cotton Futures Act, as amended March 4, 1919, including all expenses necessary for the purchase of equipment and supplies; for travel; for the employment of persons in the city of Washington and elsewhere; and for all other expenses, including rent outside of the District of Columbia, that may be necessary in executing the provisions of this Act, \$143,540: *Provided*, That any moneys received from or in connection with the sale of cotton purchased for the preparation of practical forms of the official cotton standards and condemned as unsuitable for such use may be expended by the Secretary of Agriculture during the fiscal year ending June 30, 1924, for the purchase of other cotton for such use.

#### ENFORCEMENT OF THE UNITED STATES GRAIN STANDARDS ACT.

To enable the Secretary of Agriculture to carry into effect the provisions of the United States Grain Standards Act, including rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$541,223.

## ADMINISTRATION OF THE UNITED STATES WAREHOUSE ACT.

To enable the Secretary of Agriculture to carry into effect the provisions of the United States Warehouse Act, including the payment of such rent outside of the District of Columbia and the employment of such persons and means as the Secretary of Agriculture may deem necessary, in the city of Washington and elsewhere, \$136,400.

## ENFORCEMENT OF THE STANDARD CONTAINER ACT.

To enable the Secretary of Agriculture to carry into effect the Act entitled "An Act to fix standards for Climax baskets for grapes and other fruits and vegetables, and to fix standards for baskets and other containers for small fruits, berries, and vegetables, and for other purposes," approved August 31, 1916, including the employment of such persons and means as the Secretary of Agriculture may deem necessary in the city of Washington and elsewhere, \$5,000.

## COMPLETION OF WOOL WORK.

To enable the Bureau of Agricultural Economics to complete the work of the Domestic Wool Section of the War Industries Board and to enforce Government regulations for handling the wool clip of 1918 as established by the Wool Division of said board, pursuant to the Executive order dated December 31, 1918, transferring such work to the said bureau, \$12,000, and to continue, as far as practicable, the distribution among the growers of the wool clip of 1918 of all sums heretofore or hereafter collected or recovered with or without suit by the Government from all persons, firms, or corporations which handled any part of the wool clip of 1918.

Total, Bureau of Agricultural Economics, \$4,005,853.

## BUREAU OF HOME ECONOMICS.

Salaries: Clerks—Two of class three, one of class two, one \$1,320; one \$1,260, seven of class one, three at \$1,100 each; messenger boy \$480; messenger boy or laborer \$480; charwomen—three at \$480 each, two at \$240 each; in all, \$21,760.

## GENERAL EXPENSES, BUREAU OF HOME ECONOMICS.

To enable the Secretary of Agriculture to investigate the relative utility and economy of agricultural products for food, clothing, and other uses in the home, with special suggestions of plans and methods for the more effective utilization of such products for these purposes, and to disseminate useful information on this subject, including the employment of labor in the city of Washington and elsewhere, supplies, and all other necessary expenses, \$50,000;

Total, Bureau of Home Economics, \$71,760.

## ENFORCEMENT OF THE INSECTICIDE ACT.

## SALARIES.

Executive officer, \$2,750; executive assistant, \$2,000; clerks—one of class four, two of class two, three of class one, two at \$1,140 each;

five insecticide and fungicide inspectors, at \$1,600 each; sample and storeroom custodian, \$1,200; laboratory helpers—one \$1,200, one \$840, one \$720, one \$600; two laborers, at \$720 each; messenger boy, \$480; two charwomen at \$480 each; in all, \$30,670.

#### GENERAL EXPENSES, ENFORCEMENT OF THE INSECTICIDE ACT.

For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all necessary expenses, as follows:

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of April 26, 1910, entitled "An Act for preventing the manufacture, sale, or transportation of adulterated or misbranded Paris greens, lead arsenates, other insecticides, and also fungicides, and for regulating traffic therein, and for other purposes," \$125,000.

Total, enforcement of the Insecticide Act, \$155,670.

### FEDERAL HORTICULTURAL BOARD.

#### SALARIES.

Secretary of the board, \$2,280; two executive clerks at \$2,000 each; clerks—two at \$1,980 each, four of class four, five of class three, one \$1,560, two at \$1,500 each, three at \$1,440 each, two of class two, two at \$1,260 each, seven of class one; messenger or laborer, \$720; messenger boys—one \$600, four at \$480 each; charwoman, \$240; in all, \$51,520.

#### GENERAL EXPENSES, FEDERAL HORTICULTURAL BOARD.

For salaries and the employment of labor in the city of Washington and elsewhere, furniture, supplies, traveling expenses, rent outside of the District of Columbia, and for all other necessary expenses, as follows:

To enable the Secretary of Agriculture to carry into effect the provisions of the Act of August 20, 1912, as amended, entitled "An Act to regulate the importation of nursery stock and other plants and plant products; to enable the Secretary of Agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom, and for other purposes"; to prevent the movement of cotton and cotton seed from Mexico into the United States, including the regulation of the entry into the United States of railway cars and other vehicles, and freight, express, baggage, or other materials from Mexico, and the inspection, cleaning, and disinfection thereof: *Provided*. That any moneys received in payment of charges fixed by the Secretary of Agriculture on account of such cleaning and disinfection at plants constructed therefor out of any appropriation made on account of the pink bollworm of cotton shall be covered into the Treasury as miscellaneous receipts, \$306,490;

To enable the Secretary of Agriculture to meet the emergency caused by the establishment of the potato wart in eastern Pennsylvania, and to provide means for the extermination of this disease in Pennsylvania, or elsewhere in the United States, in cooperation with the State or States concerned, including rent outside the District of Columbia, employment of labor in the city of Washington or elsewhere, and all other necessary expenses, \$5,000;

In all, general expenses, \$311,490.

Total, Federal Horticultural Board, \$363,010.

#### INTERCHANGE OF APPROPRIATIONS.

And not to exceed 10 per centum of the foregoing amounts for the miscellaneous expenses of the work of any bureau, division, or office herein provided for shall be available interchangeably for expenditures on the objects included within the general expenses of such bureau, division, or office, but no more than 10 per centum shall be added to any one item of appropriation except in cases of extraordinary emergency, and then only upon the written order of the Secretary of Agriculture.

#### MISCELLANEOUS ITEMS.

##### DEMONSTRATIONS ON RECLAMATION PROJECTS.

To enable the Secretary of Agriculture to encourage and aid in the agricultural development of the Government reclamation projects; to assist, through demonstrations, advice, and in other ways, settlers on the projects; and for the employment of persons and means necessary in the city of Washington and elsewhere, \$39,000.

For printing, binding, and distribution of the publications entitled "Diseases of the Horse" and "Diseases of Cattle," \$200,000: *Provided*, That said publications shall be deposited one-third in the folding room of the Senate and two-thirds in the folding room of the House of Representatives, and said documents shall be distributed by Members of the Senate and House of Representatives.

##### COOPERATIVE FIRE PROTECTION OF FORESTED WATERSHEDS OF NAVIGABLE STREAMS.

For cooperation with any State or group of States in the protection from fire of the forested watersheds of navigable streams under the provisions of section 2 of the Act of March 1, 1911, entitled "An Act to enable any State to cooperate with any other State or States, or with the United States, for the protection of the watersheds of navigable streams, and to appoint a commission for the acquisition of lands for the purpose of conserving the navigability of navigable rivers," \$400,000.

##### ACQUISITION OF ADDITIONAL FOREST LANDS.

For the acquisition of additional lands at headwaters of navigable streams, to be expended under the provisions of the Act of

March 1, 1911 (Thirty-sixth Statutes at Large, page 961), as amended, \$450,000.

**EXPERIMENTS AND DEMONSTRATIONS IN LIVE-STOCK PRODUCTION IN THE CANE-SUGAR AND COTTON DISTRICTS OF THE UNITED STATES.**

To enable the Secretary of Agriculture, in cooperation with the authorities of the States concerned, or with individuals, to make such investigations and demonstrations as may be necessary in connection with the development of live-stock production in the cane-sugar and cotton districts of the United States, \$46,500.

**FIELD STATION, WOODWARD, OKLAHOMA.**

For the maintenance in connection with the Woodward, Oklahoma, Field Station of a live-stock department, through which experiments and demonstrations in live-stock breeding, growing, and feeding, including both beef and dairy animals, may be made, \$6,500.

**EXPERIMENTS IN DAIRYING AND LIVE-STOCK PRODUCTION IN SEMIARID AND IRRIGATED DISTRICTS OF THE WESTERN UNITED STATES.**

To enable the Secretary of Agriculture to conduct investigations and experiments in problems connected with the establishment of dairying and meat-production enterprises on the semiarid and irrigated lands of the western United States, including the purchase of live stock and the employment of necessary persons and means in the city of Washington and elsewhere, \$40,000.

**PASSENGER-CARRYING VEHICLES.**

That not to exceed \$110,000 of the lump-sum appropriations herein made for the Department of Agriculture shall be available for the purchase, maintenance, repair, and operation of motor-propelled and horse-drawn passenger-carrying vehicles necessary in the conduct of the field work of the Department of Agriculture outside the District of Columbia: *Provided*, That not to exceed \$20,000 of this amount shall be expended for the purchase of such vehicles, and that such vehicles shall be used only for official service outside the District of Columbia, but this shall not prevent the continued use for official service of motor trucks in the District of Columbia: *Provided further*, That the Secretary of Agriculture shall, on the first day of each regular session of Congress, make a report to Congress showing the amount expended under the provisions of this paragraph during the preceding fiscal year.

**ERADICATION OF FOOT-AND-MOUTH AND OTHER CONTAGIOUS DISEASES OF ANIMALS.**

In case of an emergency arising out of the existence of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals which, in the opinion of the Secretary of Agriculture, threatens the live-stock industry of the

country, he may expend in the city of Washington or elsewhere, out of any money in the Treasury not otherwise appropriated, the sum of \$5,000, which sum is hereby appropriated, or so much thereof as he determines to be necessary, in the arrest and eradication of any such disease, including the payment of claims growing out of past and future purchases and destruction, in cooperation with the States, of animals affected by or exposed to, or of materials contaminated by or exposed to, any such disease, wherever found and irrespective of ownership, under like or substantially similar circumstances, when such owner has complied with all lawful quarantine regulations: *Provided*, That the payment for animals hereafter purchased may be made on appraisement based on the meat, dairy, or breeding value, but in case of appraisement based on breeding value no appraisement of any animal shall exceed three times its meat or dairy value, and except in case of an extraordinary emergency to be determined by the Secretary of Agriculture, the payment by the United States Government for any animal shall not exceed one-half of any such appraisements: *Provided further*, That so much of the appropriation of \$2,500,000 made by the Agricultural Appropriation Act of March 4, 1915, for the fiscal year ending June 30, 1916, for the arrest and eradication of foot-and-mouth disease, rinderpest, contagious pleuropneumonia, or other contagious or infectious disease of animals, as remains unexpended at the close of the fiscal year 1923, is hereby reappropriated and made available for expenditure during the fiscal year ending June 30, 1924, for the objects mentioned in said appropriation Act, including necessary investigations to determine whether said diseases have been completely eradicated in districts where they previously existed.

#### ERADICATION OF PINK BOLLWORM.

To enable the Secretary of Agriculture to meet the emergency caused by the existence of the pink bollworm of cotton in Mexico, and to prevent the establishment of such insect in the United States by the employment of all means necessary, including rent outside of the District of Columbia and the employment of persons and means in the city of Washington and elsewhere, \$411,400, as follows:

To make surveys to determine the actual distribution of the pink bollworm in Mexico and to exterminate local infestations in Mexico near the border of the United States, in cooperation with the Mexican Government or local Mexican authorities, \$8,000;

To investigate in Mexico or elsewhere the pink bollworm as a basis for control measures, \$5,000;

To conduct surveys and inspections in Texas or in any other State to detect any infestation and to conduct such control measures, including the establishment of cotton-free areas, in cooperation with the State of Texas or other States concerned, as may be necessary to stamp out such infestation, to establish in cooperation with the States concerned a zone or zones free from cotton culture on or near the border of any State or States adjacent to Mexico, and to cooperate with the Mexican Government or local Mexican authorities, or otherwise, by undertaking in Mexico such measures

for the extermination of the pink bollworm of cotton as shall be determined to be practicable from surveys showing its distribution, \$398,400, of which sum not to exceed \$200,000 may be available for reimbursement to cotton-growing States, for expenses incurred by them in connection with losses due to enforced nonproduction of cotton in certain zones in the manner and upon the terms and conditions set forth in Senate Joint Resolution Numbered 72, approved August 9, 1921: *Provided*, That no part of the money herein appropriated shall be used to pay the cost or value of crops or other property injured or destroyed.

#### ERADICATION OF THE PARLATORIA DATE SCALE.

To enable the Secretary of Agriculture to meet the emergency caused by the existence of the Parlatoria date scale in California, Arizona, or any other State, and to provide means for the extermination of this insect in California, Arizona, or elsewhere in the United States, in cooperation with the States concerned, \$13,000.

#### MILEAGE RATES FOR MOTOR VEHICLES.

Whenever, during the fiscal year ending June 30, 1924, the Secretary of Agriculture shall find that the expenses of travel, including travel at official stations, can be reduced thereby, he may, in lieu of actual traveling expenses, under such regulations as he may prescribe, authorize the payment of not to exceed 3 cents per mile for motor cycle or 7 cents per mile for an automobile, used for necessary travel on official business.

#### OLYMPIC NATIONAL FOREST.

For emergency expenditures incident to the disposal of wind-thrown and intermingled or adjoining timber on the Olympic National Forest and for emergency measures necessary to protect from fire the timber on the Olympic National Forest, including the repair and construction of roads, fire lanes, trails, telephone lines, or other means of communication, through or along the boundaries of the area or areas of blown-down timber on the north and west sides of said national forest, and for the employment of extra guards and patrolmen as may be found necessary by the Secretary of Agriculture, \$25,000.

#### PROTECTION OF THE SO-CALLED OREGON AND CALIFORNIA RAILROAD LANDS AND COOS BAY WAGON ROAD LANDS.

To enable the Secretary of Agriculture to establish and maintain a patrol to prevent trespass and to guard against and check fires upon the land revested in the United States by the Act approved June 9, 1916, and the lands known as the Coos Bay Wagon Road lands involved in the case of Southern Oregon Company against United States (numbered 2711) in the Circuit Court of Appeals of the Ninth Circuit, \$35,000.

## CENTER MARKET, DISTRICT OF COLUMBIA.

Operation and Management: To enable the Secretary of Agriculture, in carrying out the provisions of the Act of March 4, 1921 (Forty-first Statutes at Large, page 1441), to pay for ice, electricity, gas, fuel, travel, stationery, printing, telegrams, telephones, labor, supplies, materials, equipment, miscellaneous expenses, necessary repairs and alterations, to be reimbursed by any person for whose account any such expenditure may be made: *Provided*, That the Secretary of Agriculture may purchase necessary supplies and equipment for use at Center Market, without regard to awards made by General Supply Committee; to continue the employment of the necessary persons under the conditions in existence at the time of the taking over of the property by the Secretary of Agriculture, with such changes thereof as he may find necessary; to provide a fund for the payment of freight, express, drayage, and other charges and claims against the commodities accepted for storage, and to require reimbursement thereof with interest at the rate of 6 per centum per annum under such rules as the Secretary of Agriculture may prescribe, and to remove, sell, or otherwise dispose of such commodities held as security for such payment when such reimbursement is not made when due, all reimbursement of such payments and all receipts from such disposition of commodities to be credited to such fund and to be reexpendable therefrom; and to use such other means as the Secretary of Agriculture may find necessary for the proper occupancy and use by the Government and its tenants of said property, \$176,000: *Provided*, That not more than \$500 may be used for the payment of claims for damage to goods while in storage in Center Market that have accrued or may accrue at any time during the operation thereof by the Secretary of Agriculture in accordance with such regulations as he may prescribe.

## ENFORCEMENT OF PACKERS AND STOCKYARDS ACT.

To enable the Secretary of Agriculture to carry into effect the provisions of the Packers and Stockyards Act, approved August 15, 1921, \$410,500: *Provided*, That no person shall be employed hereunder at a rate of compensation exceeding \$5,000 per annum except three persons at a rate not to exceed \$6,500 each per annum.

## ENFORCEMENT OF THE GRAIN FUTURES ACT.

To enable the Secretary of Agriculture to carry into effect the provisions of the Grain Futures Act, approved September 21, 1922, \$103,600: *Provided*, That no person shall be employed hereunder at a rate of compensation exceeding \$5,000 per annum, and only one person may be employed at the rate of \$5,000 per annum.

## COLLECTION OF SEED-GRAIN LOANS.

To enable the Secretary of Agriculture to collect moneys due the United States on account of loans made to farmers under the seed-grain loan provisions of the Act of March 3, 1921, and the Seed Grain Loan Act of March 20, 1922, including the employment of

such persons and means in the city of Washington and elsewhere as may be necessary, \$20,000.

#### MAXIMUM SALARIES.

During the fiscal year 1924 the maximum salary of any scientific investigator, or other employee engaged in scientific work and paid from the general appropriations of the Department of Agriculture, shall not exceed at the rate of \$6,500 per annum: *Provided*, That for the fiscal year 1924 no salary shall be paid under this paragraph at a rate per annum in excess of \$5,000 except the following: Not more than twelve in excess of \$5,000 but not in excess of \$5,500 each, and not more than five in excess of \$5,500 each.

#### INTERNATIONAL FARM CONGRESS.

The President is hereby authorized to extend invitations to other nations to appoint delegates or representatives to the International Farm Congress, to be held in the United States during the year 1923: *Provided*, That no appropriation shall be granted or used for the expenses of delegates.

#### SPECIAL ITEMS.

Forest roads and trails: For carrying out the provisions of section 23 of the Federal Highway Act, approved November 9, 1921, \$3,000,000, to be available until expended, being part of the sum of \$6,500,000 authorized to be appropriated for the fiscal year ending June 30, 1924, by paragraph 2 of section 4 of the Act making appropriations for the Post Office Department for the fiscal year 1923, approved June 19, 1922: *Provided*, That the Secretary of Agriculture is hereby authorized, immediately upon the approval of this Act, also to apportion and prorate among the several States, Alaska, and Porto Rico, as provided in section 23 of said Federal Highway Act, the sum of \$3,500,000 constituting the remainder of the said authorization of \$6,500,000: *Provided further*, That the Secretary of Agriculture may incur obligations, approve projects, or enter into contracts under his apportionment and prorating of this authorization, and his action in so doing shall be deemed a contractual obligation of the Federal Government for the payment of the cost thereof: *Provided further*, That the appropriations heretofore, herein, and hereafter made for the purpose of carrying out the provisions of section 8 of the Act of July 11, 1916, and of section 23 of the Federal Highway Act of November 9, 1921, and Acts amendatory thereof and supplemental thereto, shall be considered available for the purpose of discharging the obligations created hereunder in any State or Territory: *Provided further*, That the total expenditures on account of any State or Territory shall at no time exceed its authorized apportionment.

Cooperative Construction of Rural Post Roads: For carrying out the provisions of the Act entitled "An Act to provide that the United States shall aid the States in the construction of rural post roads, and for other purposes," approved July 11, 1916, and all Acts amendatory thereof and supplementary thereto, to be expended in accordance with the provisions of said Act as amended, \$29,300,000,

to be available until expended, being part of the sum of \$65,000,000 authorized to be appropriated for the fiscal year ending June 30, 1924, by paragraph 1 of section 4 of the Act making appropriations for the Post Office Department for the fiscal year 1923, approved June 19, 1922: *Provided*, That the Secretary of Agriculture is hereby authorized, immediately upon the passage of this Act, to apportion among the several States, as provided in section 21 of the Federal Highway Act, approved November 9, 1921, the sum of \$65,000,000 authorized to be appropriated for the fiscal year ending June 30, 1924, by said paragraph 1 of section 4 of the Act approved June 19, 1922: *Provided further*, That the Secretary of Agriculture shall act upon projects submitted to him under his apportionment of this authorization, and his approval of any such project within three years shall be deemed a contractual obligation of the Federal Government for the payment of its proportional contribution thereto.

Total, Department of Agriculture, \$69,536,653.

Approved, February 26, 1923.









